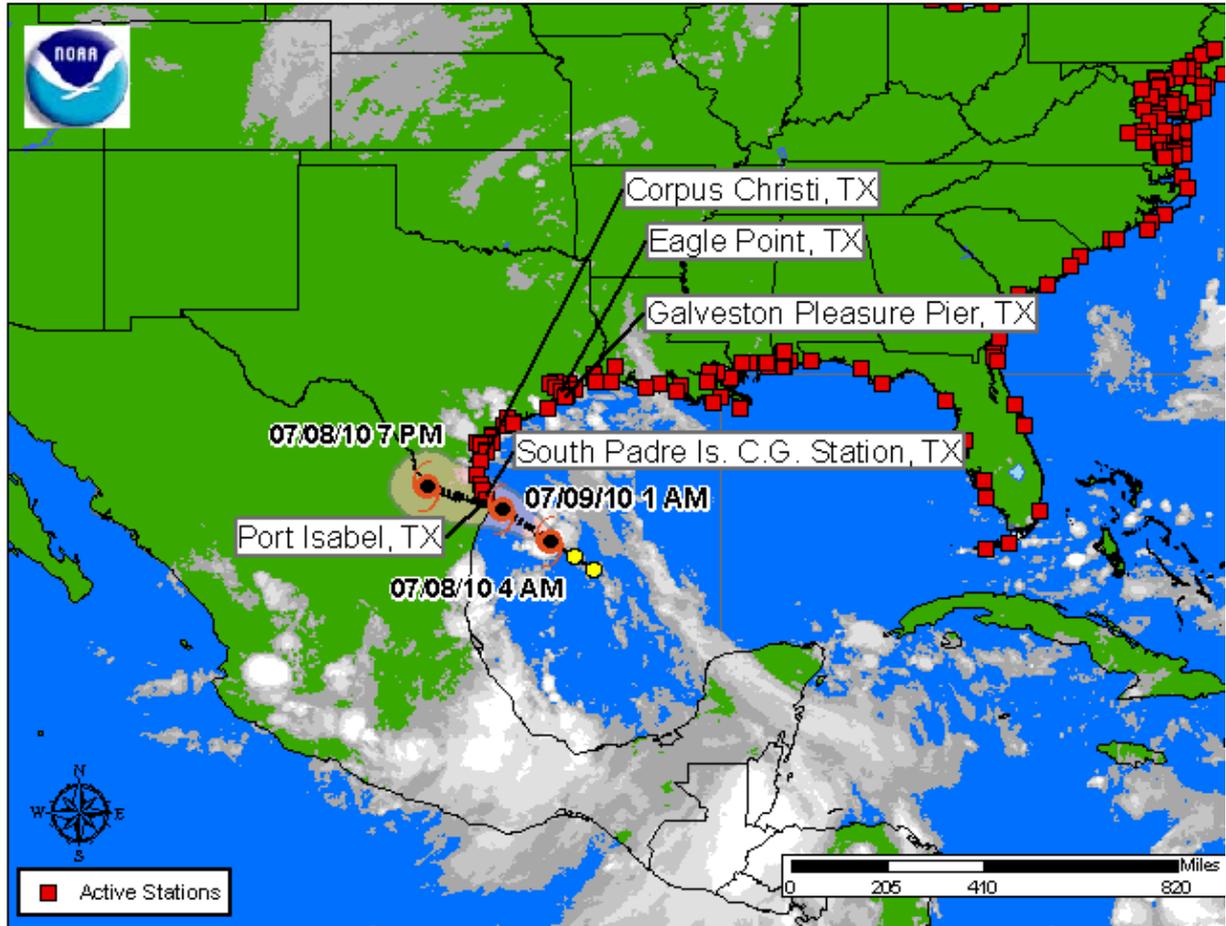




Tropical Depression TWO QuickLook
Posted: 06:00 CDT 07/08/2010

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 07/08/2010 06:00 CDT, water levels along the Texas coast are increasing and range between 1.7 and 2.8 feet above predicted. Winds are also increasing, with gusts up to 24 kts being recorded. Barometric pressure starts to fall at locations close to US/Mexico border.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tides are 1.39 ft (0.42 m) at 07/08/2010 05:45 CDT and 1.50 ft (0.46 m) at 07/09/2010 06:27 CDT.

South Padre Island C.G. Station, TX: Next predicted high tides are 1.17 ft (0.36 m) at 07/08/2010 05:27 CDT and 1.26 ft (0.38 m) at 07/09/2010 06:19 CDT.

Corpus Christi, TX: Next predicted high tides are 1.78 ft (0.54 m) at 07/09/2010 05:00 CDT and 1.84 ft (0.56 m) at 07/10/2010 05:437 CDT.

Galveston Pleasure Pier, TX: Next predicted high tides are 2.27 ft (0.69 m) at 07/09/2010 03:54 CDT and 2.35 ft (0.72) at 07/10/2010 04:34 CDT.

Eagle Point, TX: Next predicted high tides are 1.12 ft (0.34 m) at 07/08/2010 10:41 CDT and 1.19 ft (0.36 m) at 07/09/2010 11:41 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst:KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**TROPICAL DEPRESSION TWO ADVISORY NUMBER 2
400 AM CDT THU JUL 08 2010**

**...TROPICAL DEPRESSION EXPECTED TO BRING RAINS TO SOUTHERN TEXAS AND
NORTHEASTERN MEXICO....**

WATCHES AND WARNINGS

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

**A TROPICAL STORM WARNING IS IN EFFECT FOR... FROM SOUTH OF BAFFIN BAY TEXAS
TO RIO SAN FERNANDO MEXICO**

**A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE
EXPECTED SOMEWHERE WITHIN THE WARNING AREA...IN THIS CASE WITHIN 24 HOURS.**

**FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED
STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS PLEASE MONITOR
PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.
FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE UNITED STATES...PLEASE
MONITOR PRODUCTS ISSUED BY YOUR NATIONAL
METEOROLOGICAL SERVICE.**

DISCUSSION AND 48-HOUR OUTLOOK

**AT 400 AM CDT...THE CENTER OF TROPICAL DEPRESSION TWO WAS ESTIMATED NEAR
LATITUDE 24.8 NORTH...LONGITUDE 95.2 WEST. THE DEPRESSION IS MOVING TOWARD
THE NORTHWEST NEAR 14 MPH. THIS GENERAL MOTION IS EXPECTED TO CONTINUE
FOR THE NEXT 24 HOURS OR SO. ON THE FORECAST TRACK...THE TROPICAL CYCLONE**

**IS EXPECTED TO
MOVE INLAND NEAR THE TEXAS-MEXICO BORDER LATER TODAY.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH WITH HIGHER GUSTS. THERE IS A
POSSIBILITY THAT THE DEPRESSION BECOMES A TROPICAL STORM BEFORE MOVING
INLAND.**

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1006 MB.

HAZARDS AFFECTING LAND

**RAINFALL...THE DEPRESSION IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS
OF 4 TO 8 INCHES OVER PORTIONS OF FAR NORTHEASTERN MEXICO AND COASTAL
TEXAS...WITH ISOLATED MAXIMUM AMOUNTS OF 10 INCHES.**

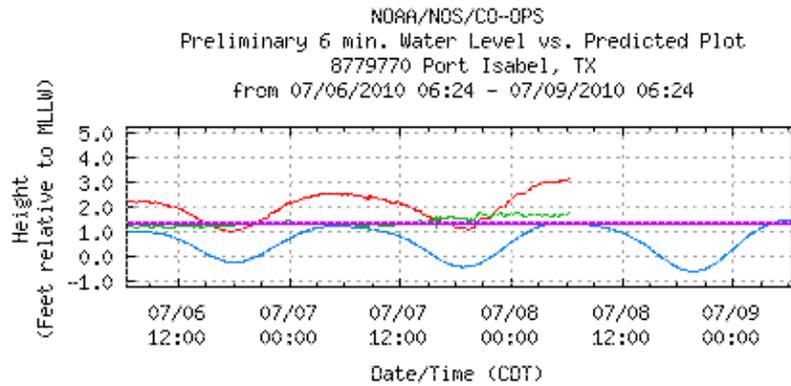
**WIND...TROPICAL-STORM-FORCE WINDS ARE ANTICIPATED TO REACH THE COAST
WITHIN THE WARNING AREA BY LATER TODAY. HOWEVER...RAINBANDS WITH GUSTY
WINDS ARE ALREADY APPROACHING THE SOUTHERN TEXAS AND NORTHEASTERN
MEXICO COASTS.**

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Port Isabel - Air/Water Temp](#), [South Padre Island C.G Station - Water Level](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Eagle Point - Water Level](#), [Eagle Point - Winds](#), [Eagle Point - Barometric](#), [Eagle Point - Air/Water Temp](#).

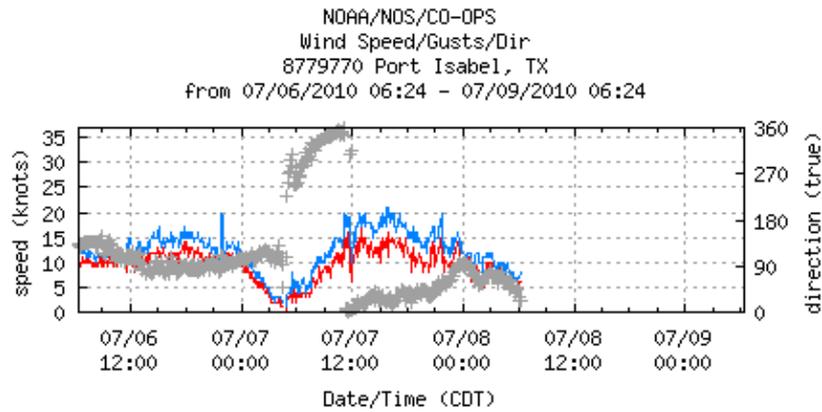
Port Isabel, TX - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 07/08/2010 06:12 (CDT)
 Relative to **MLLW**: **Observed: 3.16 ft. Predicted: 1.39 ft. Residual: 1.77 ft.**
 Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above **MHHW**

Port Isabel, TX - [Return to List](#)

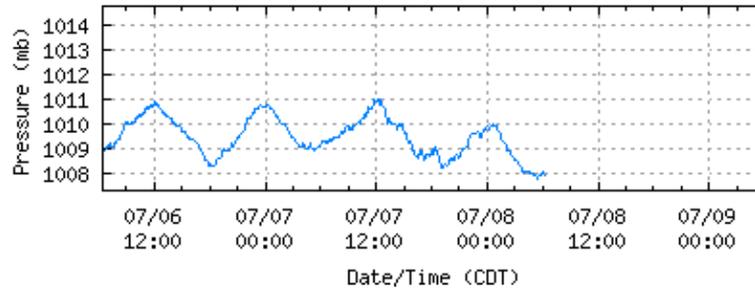


speed ——— gusts ——— direction +

Last Observed Sample: 07/08/2010 06:12 (CDT)
Wind Speed: 6 knots Gusts: 8 knots Direction: 024° T

Port Isabel, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8779770 Port Isabel, TX
from 07/06/2010 06:24 - 07/09/2010 06:24



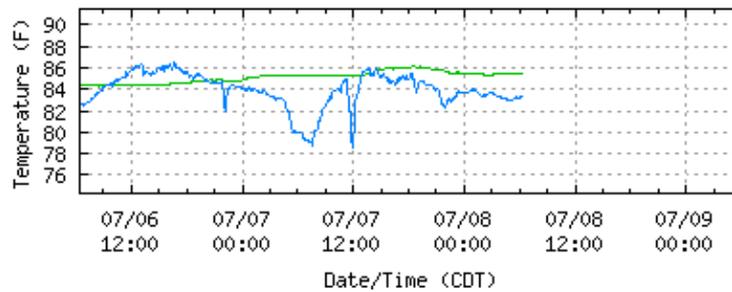
barometric pressure —

Last Observed Sample: 07/08/2010 06:12 (CDT)

Barometric Pressure: 1007.9 mb

Port Isabel, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Air/Water Temperature Plot
8779770 Port Isabel, TX
from 07/06/2010 06:24 - 07/09/2010 06:24

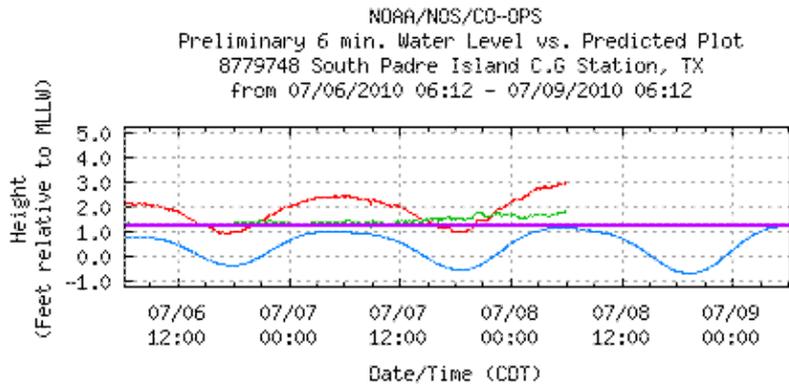


water temp. — air temp —

Last Observed Sample: 07/08/2010 06:12 (CDT)

Water Temperature: 85.5° F Air Temperature: 83.3° F

South Padre Island C.G Station, TX - [Return to List](#)



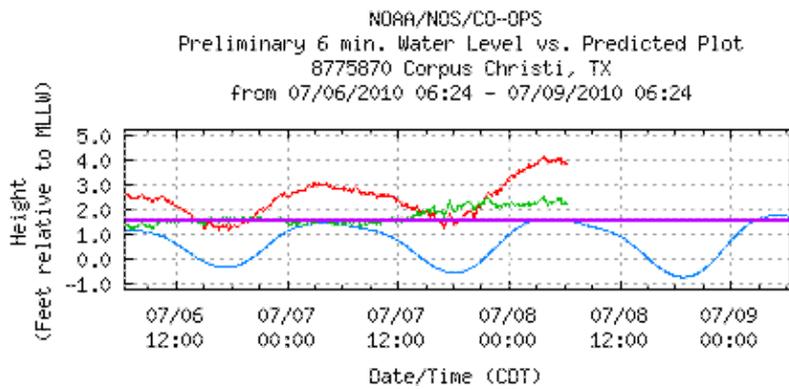
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 07/08/2010 05:54 (CDT)

Relative to **MLLW**: **Observed: 3.00 ft. Predicted: 1.16 ft. Residual: 1.84 ft.**

Historical Maximum Water Level: , 0 ft. above **MHHW**

Corpus Christi, TX - [Return to List](#)



Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

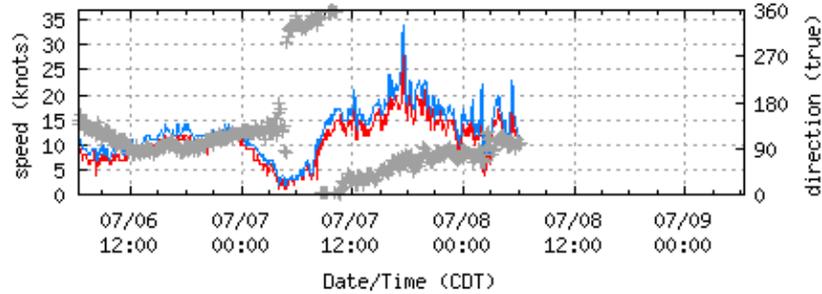
Last Observed Sample: 07/08/2010 06:12 (CDT)

Relative to **MLLW**: **Observed: 3.85 ft. Predicted: 1.59 ft. Residual: 2.26 ft.**

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above **MHHW**

Corpus Christi, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Wind Speed/Gusts/Dir
8775870 Corpus Christi, TX
from 07/06/2010 06:24 - 07/09/2010 06:24



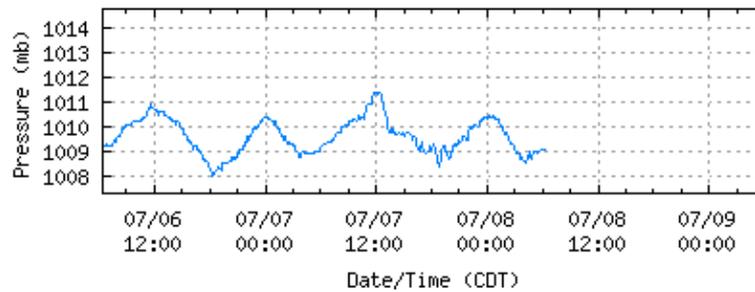
speed — gusts — direction +

Last Observed Sample: 07/08/2010 06:12 (CDT)

Wind Speed: 9 knots Gusts: 10 knots Direction: 101° T

Corpus Christi, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8775870 Corpus Christi, TX
from 07/06/2010 06:24 - 07/09/2010 06:24



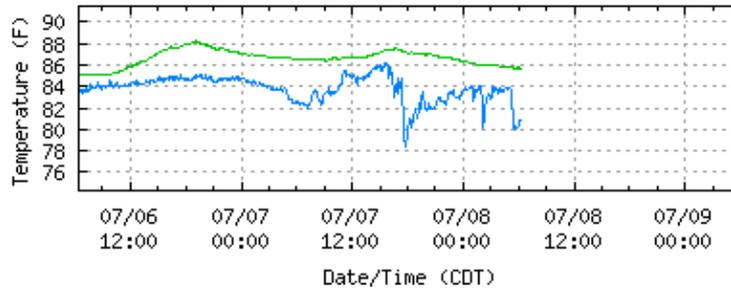
barometric pressure —

Last Observed Sample: 07/08/2010 06:12 (CDT)

Barometric Pressure: 1009.1 mb

Corpus Christi, TX - [Return to List](#)

NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8775870 Corpus Christi, TX
 from 07/06/2010 06:24 - 07/09/2010 06:24



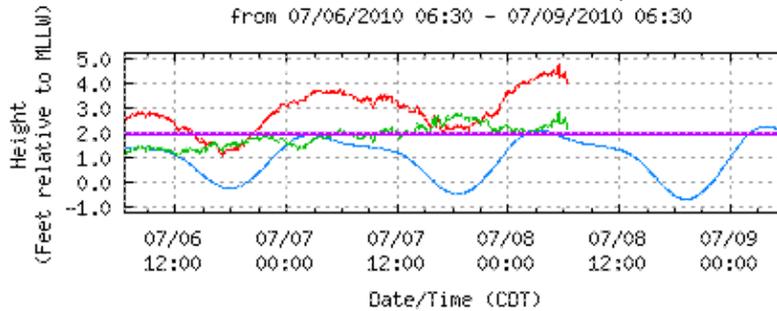
water temp. — air temp —

Last Observed Sample: 07/08/2010 06:12 (CDT)

Water Temperature: 85.6° F Air Temperature: 80.8° F

Galveston Pleasure Pier, TX - [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8771510 Galveston Pleasure Pier, TX
 from 07/06/2010 06:30 - 07/09/2010 06:30



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

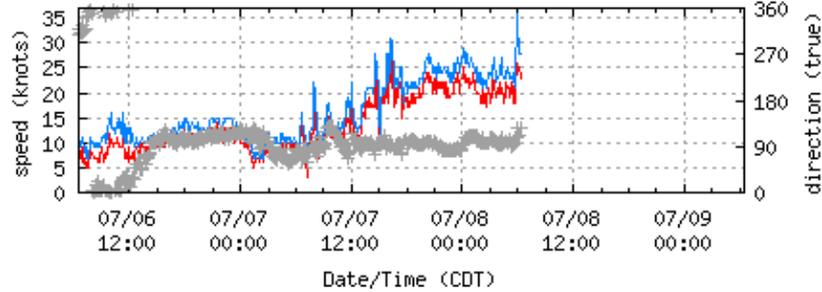
Last Observed Sample: 07/08/2010 06:18 (CDT)

Relative to **MLLW**: Observed: 3.99 ft. Predicted: 1.79 ft. Residual: 2.20 ft.

Historical Maximum Water Level: Sep 11 1961, 7.16 ft. above **MHHW**

Galveston Pleasure Pier, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Wind Speed/Gusts/Dir
8771510 Galveston Pleasure Pier, TX
from 07/06/2010 06:30 - 07/09/2010 06:30



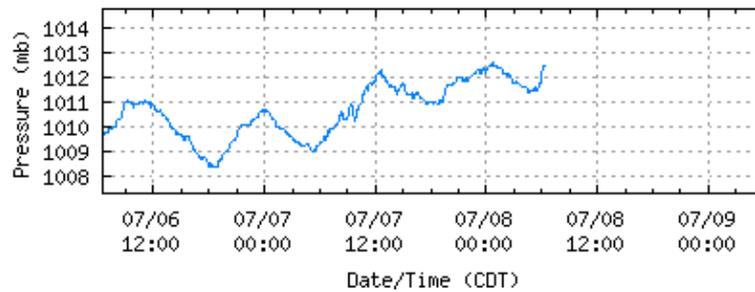
speed — gusts — direction +

Last Observed Sample: 07/08/2010 06:18 (CDT)

Wind Speed: 23 knots Gusts: 28 knots Direction: 125° T

Galveston Pleasure Pier, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8771510 Galveston Pleasure Pier, TX
from 07/06/2010 06:30 - 07/09/2010 06:30



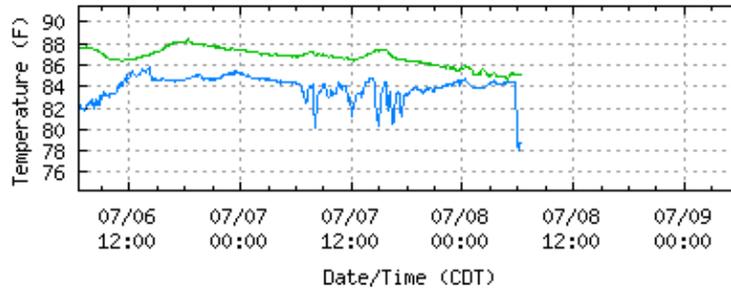
barometric pressure —

Last Observed Sample: 07/08/2010 06:18 (CDT)

Barometric Pressure: 1012.5 mb

Galveston Pleasure Pier, TX - [Return to List](#)

NOAA/NOS/CO-OPS
 Air/Water Temperature Plot
 8771510 Galveston Pleasure Pier, TX
 from 07/06/2010 06:30 - 07/09/2010 06:30



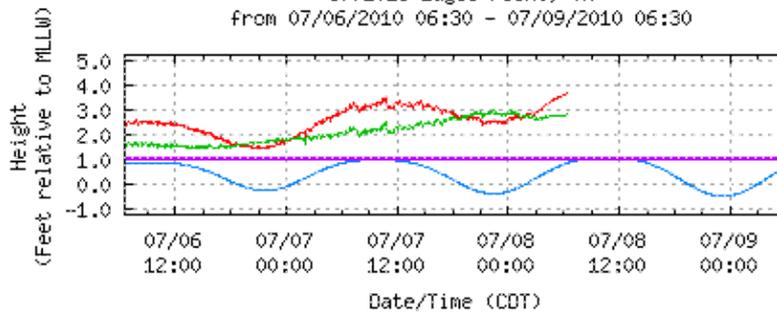
water temp. — air temp. —

Last Observed Sample: 07/08/2010 06:18 (CDT)

Water Temperature: 85.1° F Air Temperature: 78.8° F

Eagle Point, TX - [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8771013 Eagle Point, TX
 from 07/06/2010 06:30 - 07/09/2010 06:30



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

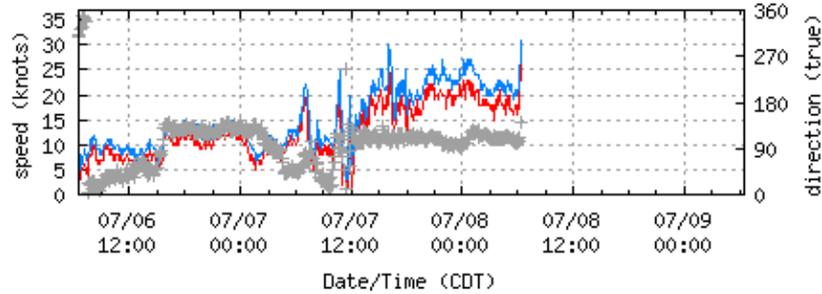
Last Observed Sample: 07/08/2010 06:18 (CDT)

Relative to **MLLW**: Observed: 3.73 ft. Predicted: 0.87 ft. Residual: 2.86 ft.

Historical Maximum Water Level: Sep 10 1998, 3.72 ft. above **MHHW**

Eagle Point, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Wind Speed/Gusts/Dir
8771013 Eagle Point, TX
from 07/06/2010 06:30 - 07/09/2010 06:30



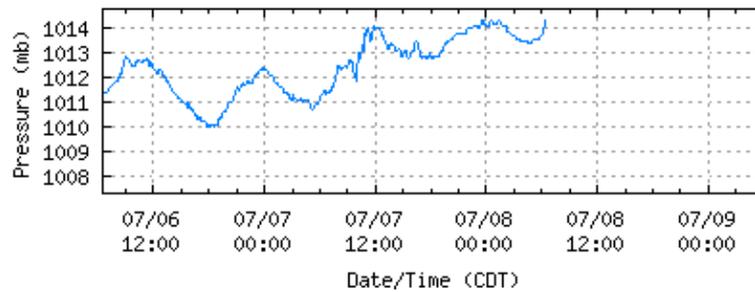
speed — gusts — direction +

Last Observed Sample: 07/08/2010 06:18 (CDT)

Wind Speed: 26 knots Gusts: 31 knots Direction: 142° T

Eagle Point, TX - [Return to List](#)

NOAA/NDS/CO-OPS
Barometric Pressure Plot
8771013 Eagle Point, TX
from 07/06/2010 06:30 - 07/09/2010 06:30



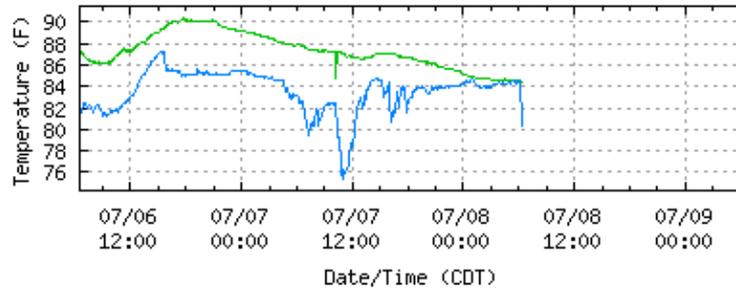
barometric pressure —

Last Observed Sample: 07/08/2010 06:18 (CDT)

Barometric Pressure: 1014.3 mb

Eagle Point, TX - [Return to List](#)

NOAA/NOS/CO-OPS
Air/Water Temperature Plot
8771013 Eagle Point, TX
from 07/06/2010 06:30 - 07/09/2010 06:30



water temp. — air temp. —

Last Observed Sample: 07/08/2010 06:18 (CDT)

Water Temperature: 84.4° F Air Temperature: 80.4° F

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce